



PATENT

*1/20*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

V. N. MALLIKARJUNA RAO ET. AL.

CASE NO.: CL2320USPCT

APPLICATION NO.: 10/572626

CONFIRMATION NO.: 7661

GROUP ART UNIT: 1621

EXAMINER: UNKNOWN

FILED: March 17, 2006

FOR: PROCESS FOR THE PREPARATION OF 1,1,1,3,3-  
PENTAFLUOROPROPANE AND 1,1,1,2,3-PENTAFLUOROPROPANE

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with 37 C.F.R. §§1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office the information listed on the enclosed PTO/SB/08A and/or PTO/SB/08B forms. Applicants note that U.S. Application No. 10/572,627, U.S. Application No. 10/572,625 and U.S. Application No. 10/572,628 represent national filings of WO 2005/037744, WO 2005/037742 and WO 2005/037431, respectively. Accordingly, no further copies of those U.S. applications are enclosed. The dates listed for those U.S. applications represent the PCT filing dates rather than publication dates.

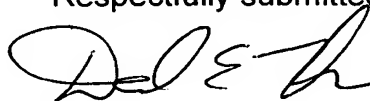
A copy of the other information, if required, is enclosed. Applicants note that a copy of the International Search Report has already been submitted; and that based on the International Search Report, AU 94/80340 appears to be a family member of EP 0 657 408.

Consideration of the information is requested under 37 C.F.R. § 1.56 and this information is submitted in accord with the provisions of §1.97(b): within three months of filing the national application under 37 C.F.R. §1.53(d), or entry into the national stage under 37 C.F.R. §1.491, or before the mailing of

a first Office Action on the merits, or before the mailing of a first Office Action on the merits after filing a Request for Continued Examination under 37 C.F.R. §1.114.

If this Information Disclosure Statement is filed under §1.97(b) but the mailing date hereof is after the mailing of a first Office Action on the merits, the PTO is authorized to charge the fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. **04-1928** (E. I. du Pont de Nemours and Company) in order to complete the requirements for consideration of this Information Disclosure Statement.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'D E Heiser', written in a cursive style.

**DAVID E. HEISER**

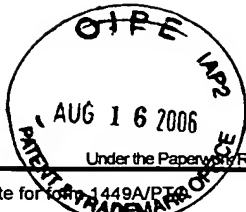
Attorney for Applicants

Registration No.: 31,366

Telephone: (302) 892-1926

Facsimile: (302) 892-7949

Dated: August 14, 2006



Substitute for Form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

### Complete if Known

Application Number	10/572626
Filing Date	MARCH 17, 2006
First Named Inventor	VELLIYUR NOTT MALLIKARJUNA RAO
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL2320USPCT

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number -	Kind Code <sup>2</sup> (if known)			
		US -	2,437,993	03-16-1948	BENNING ET AL.	
		US -	2,942,036	06-21-1960	SMITH ET AL.	
		US -	3,865,885	02-11-1975	BRUCE, JR.	
		US -	3,878,257	04-15-1975	BRUCE, JR.	
		US -	5,036,036	07-30-1991	LEROU	
		US -	5,057,634	10-15-1991	WEBSTER ET AL.	
		US -	5,068,472	11-26-1991	WEBSTER ET AL.	
		US -	5,136,113	08-04-1992	RAO	
		US -	5,281,568	01-25-1994	SCOTT ET AL.	
		US -	5,396,000	03-07-1995	NAPPA ET AL.	
		US -	5,449,656	09-12-1995	SCOTT ET AL.	
		US -	5,623,092	04-22-1997	SCOTT ET AL.	
		US -	5,663,464	09-02-1997	OKAMOTO ET AL.	
		US -	5,714,655	02-03-1998	YAMAMOTO ET AL.	
		US -	5,945,573	08-31-1999	NAPPA ET AL.	
		US -	6,291,730	09-18-2001	BAKER ET AL.	
		US -	6,403,524	06-11-2002	SCOTT ET AL.	
		US -	6,540,933	04-01-2003	SIEVERT ET AL.	
		US -	2001/0011061	08-02-2001	SCOTT ET AL.	
		US -	10/572,627	10-13-2004	RAO ET AL.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
			GB 938,070	09-25-1963	ALLIED CHEMICAL CORP.		<input type="checkbox"/>
			AU-A 94/80340	06-15-1995	ELF ATOCHEM		<input type="checkbox"/>
			EP 0 982 281	03-01-2000	JAPAN REP BY DIR. GEN. OF AGENCY OF INDUSTRIAL; NIPPON		<input type="checkbox"/>
			EP 0 703 208	03-27-1996	DAIKIN INDUSTRIES, LTD		<input type="checkbox"/>
			EP 0 657 408	06-14-1995	ELF ATOCHEM S.A.		<input type="checkbox"/>
			EP 0 502 605	09-09-1992	IMPERIAL CHEMICAL INDUSTRIES PLC		<input type="checkbox"/>
			WO 98/10862	03-19-1998	IMPERIAL CHEMICAL INDUSTRIES PLC		<input type="checkbox"/>
			WO2005/037744	04-28-2005	E. I. DU PONT		<input type="checkbox"/>
			WO2005/037742	04-28-2005	E. I. DU PONT		<input type="checkbox"/>

Examiner  
Signature

Date  
Considered

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

### Complete if Known

Application Number	10/572626
Filing Date	MARCH 17, 2006
First Named Inventor	VELLIYUR NOTT MALLIKARJUNA RAO
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL2320USPCT

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		Number -	Kind Code <sup>2</sup> (if known)			
		US -	10/572,625	10-13-2004	RAO ET AL.	
		US -	10/572,628	10-13-2004	AMOS ET AL.	
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		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
			WO2005/037,431	04-28-2005	E. I. DU PONT		<input type="checkbox"/>
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Filing Date	MARCH 17, 2006
First Named Inventor	VELLIYUR NOTT MALLIKARJUNA RAO
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	CL2320USPCT

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Journal of Fluorine Chemistry, J. KVICALA ET AL., Preparation of Perhalogenated Chlorofluoropropanes by Halogen Exchange in the Liquid and Vapour Phases and Their Isomer Analyses by 19F NMR Spectroscopy, Vol. 43 (1989), pages 155-175	<input type="checkbox"/>
		Journal of American Chemical Soc., A.L. HENNE ET AL., Fluorinated Derivatives of Propane and Propylene, Vol. 68, (1946), pages 496-497	<input type="checkbox"/>
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10/572626

CL2320USPCT- Information Disclosure Statement, PTO/SB/08A and PTO/SB/08B form and References

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